

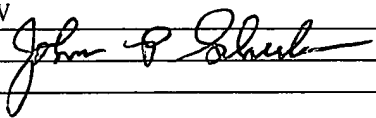
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FORM PTO-1449 (MODIFIED)	PROPERTY. DOCKET NO. 60303.3	SERIAL NO. 09/986,390
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANTS INFORMATION DISCLOSURE STATEMENT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT(S): Hirokazu KANEKIYO et al.	
	FILING DATE: November 08, 2001	GROUP: 2836, 1742

Reference Designation

U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
	AA				
	AB				
	AC				
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	AE				
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FOREIGN PATENT DOCUMENTS					
	Document Number	Date	Country	Class	Filing Date Subclass if appropriate
JL	AG 0 632 471	01/1995		A2/A3	
	AH				
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	OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)				
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	AA				
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FOREIGN PATENT DOCUMENTS					
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JPH	AG 2000-079451	3/2000	Japan	A2/A3	
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EXAMINER	<i>John P. Shub</i>			DATE CONSIDERED 2/28/03	
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FOREIGN PATENT DOCUMENTS					
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<i>gh</i> <i>gh</i> <i>gh</i>	AG 09-155513(With English Abstract)	06/97	Japan		
	AH 2000-079449 (With English Abstract)	03/00	Japan		
	AI 61-140350 (With English Abstract)	06/86	Japan		
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U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
<i>JS</i>	AA 4,756,775	07/1988	Croat	<i>IIII</i>	
<i>JS</i>	AB 4,770,723	09/1988	Sagawa et al.	<i>IIII</i>	
<i>JS</i>	AC 4,836,868	06/1989	Yajima et al.	<i>IIII</i>	
<i>JS</i>	AD 4,935,074	06/1990	De Mooij et al.	<i>IIII</i>	
<i>JS</i>	AE 5,022,939	06/1991	Yajima et al.	<i>IIII</i>	
<i>JS</i>	AF 5,049,208	09/1991	Yajima et al.	<i>IIII</i>	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
<i>JS</i> AG 64-703 (with English Abstract)	01/1989	Japan	<i>IIII</i>	
<i>JS</i> AH 64-7501 (with English Abstract)	01/1989	Japan	<i>IIII</i>	
<i>JS</i> AI 64-7502 (with English Abstract)	01/1989	Japan	<i>IIII</i>	
<i>JS</i> AJ 3-260018 (with English Abstract)	11/1991	Japan	<i>IIII</i>	
<i>JS</i> AK 3-261104 (with English Abstract)	11/1991	Japan	<i>IIII</i>	
<i>JS</i> AL 7-122412 (with English Abstract)	05/1995	Japan	<i>IIII</i>	
<i>JS</i> AM 11-323509 (with English Abstract)	11/1999	Japan	<i>IIII</i>	
<i>JS</i> AN 2-298003 (with English Abstract)	12/1990	Japan	<i>IIII</i>	
<i>JS</i> AO 9-155507 (with English Abstract)	06/1997	Japan	<i>IIII</i>	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>JS</i> AP R. Coehoorn, et al., "Novel Permanent Magnetic Materials Made by Rapid Quenching", Journal de Physique, C8, 12/1988, pp.669-670
<i>JS</i> AR W.C. Chang, et al., "The Effects of Refractory Metals on the Magnetic Properties Of α -Fe/R ₂ Fe ₁₄ B-Type Nanocomposites", IEEE, Transactions on Magnetism, Vol.35, No.5, September 1999, pp.3265-3267
<i>JS</i> AS W.C. Chang, et al., Magnetic and Microstructure Studies of boron-enriched (Nd _{0.95} La _{0.05}) ₁₁ Fe _{76.5} xCo _x Ti ₂ B _{10.5} (x=0-15) Melt-Spun Ribbons, IEEE, Transactions on Magnetism, Vol.36, No.5, September 2000, pp.312-3314
<i>JS</i> AT W.C. Chang, et al., "High performance α -Fe/Nd ₂ Fe ₁₄ B-type nanocomposites", Applied Physics Letters, Vol.72 No.1, January 1998, pp.121-123
<i>JS</i> AU W.C. Chang, et al., "The effect of boron and rare earth contents on the magnetic properties of La and Cr substituted α -Fe/R ₂ Fe ₁₄ B-Type Nanocomposites", Journal of Applied Physics, Vol.83 No.11, June 1998 pp.6271-6273
<i>JS</i> AV G. Ya. Merkulova, et al., "The temperature dependence of coercivity in nanocrystalline Nd-Fe-B-(TiC)magnets", Journal of Applied Physics, Vol.87 No.9, May 2000, pp.4738-4740
<i>JS</i> AW H. Chiriac, et al., "Nd ₈ Fe ₇₃ Co ₅ Hf ₂ B ₁₂ strip cast alloy", Journal of Applied Physics, Vol. 87 No. 9, May 2000, pp.5338-5340

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U.S. Patents

Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
JL	AA 5,209,789	05/1993	Yoneyama et al.	11	
JL	AB 5,725,792	03/1998	Panchanathan	11	
JL	AC 5,905,424	05/1999	Panchanathan	11	
JL	AD 6,022,424	02/2000	Sellers et al.	11	
JL	AE 6,172,589	01/2001	Fujita et al.	11	
JL	AF 6,183,571	02/2001	Inoue et al.	11	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Filing Date Subclass if appropriate
AG WO 00/03403	01/2000	PCT	11	
AH WO 00/45397	08/2000	PCT	11	
AI WO 00/52713	09/2000	PCT	11	
AJ EP 1 018 751 A1	07/2000	Europe	11	
AK DE 197 39 959	03/1998	Germany	11	
AL EP 1 061 532 A1	12/2000	Europe	11	
AM				
AN				
A0				

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AP	J. Bernardi, et al., "Microstructural analysis of strip cast Nd-Fe-B alloys for high (BH) _{max} magnets", Journal of Applied Physics, Vol.83 No. 11, June 1998, pp.6396-6398
AR	W.C. Chang, et al., "The effects of La-substitution on the microstructure and magnetic properties of nanocomposite NdFeB melt spun ribbons", Journal of Magnetism and Magnetic Materials, Vo.167 Nos.1-2, March 1997, pp.65-70
AS	W.C. Chang, et al., "High performance α -Fe/R ₂ Fe ₁₄ B-type nanocomposites with nominal compositions of (Nd, La) _{9.5} Fe _{78-x} Co _x Cr ₂ B _{10.5} (x=0-10)", Journal of Magnetism and Magnetic Materials", Vo. 189 No.1, October 1998, pp.55-61
AT	R. Hermann, et al., "Growth kinetics in undercooled Nd-Fe-B alloys with carbon and Ti or Mo additions, Journal of Magnetism and Magnetic Materials", Vo.213 Nos. 1-2, April 2000, pp.82-86
AU	Q. Chen, et al., "A Study on the Phase Transformation and Exchange-coupling of (Nd _{0.95} La _{0.05}) _{9.5} Fe ₈₁ Co ₅ Nb ₂ B _{10.5} Nanocomposites, Materials Research Society Symposium Proceedings", Vo.577, April 1999, pp.209-219
AV	U.S. Patent Application Serial No. 09/863,902, H.Kanekiyo, et al., "Permanent Magnet Including Multiple Ferromagnetic Phases and Method for Producing the Magnet", filing Date 05/24/2001

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<i>JS</i>	AA 6,183,572	02/2001	Panchanathan et al.	<u>II</u>	
<i>JS</i>	AB 6,302,972	10/2001	Hirosawa et al.	<u>II</u>	
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